

I. AMENDMENT

Please make the following amendments:

Amendments to the Specification:

Please replace the paragraph beginning on page 23, line 3, with the following amended paragraph:

FIG. 19B. Southern blot results showing hybridization of probes i, j, k, and l to *Bgl*II/*Bam*HI, *Bam*HI/*Eco*RI, *Eco*RI and *Eco*RI/*Bgl*II digested scaffolds. λ *Hind*III marker lane is represented to the left of the Southern blot panels. ~~Restriction enzyme map of the non-SAR and SAR3, and SAR4 restriction fragments is represented below and correlates with the Southern blots.~~ Probe i represents a supernatant enriched DNA fragment whereas probes j, and k (~~identified above the map~~) identify pellet enriched fragments of SAR3. Probe l identifies a weaker binding region just centromeric to SAR3. The 5.7-kb band seen hybridizing with probe k is most likely the partial *Eco*RI fragment which contains the .7-kb *Eco*RI fragment plus weak SARs 4 and 5. The 3.7-kb band observed in the *Eco*RI/*Bgl*II pellet fraction represents the 3.7-kb *Eco*RI/*Eco*RI fragment detecting the most proximal *IFNA2* SAR. This result is due to co-purifying the 4.4-kb fragment or probes h, i, and j from the λ 1-3 phage. The 4.4-kb *Eco*RI fragment detects the strong SAR3. See FIG. 19A for representative R values.

Amendments to the Drawings:

The attached sheet of drawings includes changes to FIG. 19B. This sheet replaces the original sheet including FIG. 19B. In FIG. 19B, the restriction enzyme map shown in the original drawing is omitted.

REMARKS

In the specification, the paragraph beginning on page 23, line 14, has been amended to correspond to a revision to the corresponding drawing. In particular, FIG. 19B has been amended to delete the restriction enzyme map previously shown at the bottom of the drawing. Deletion of this restriction enzyme map does not in any way detract from the scope and content of the material otherwise conveyed in FIG. 19B. The paragraph beginning on page 23, line 14, has merely been amended to remove any reference to the restriction enzyme map.

II. RESPONSE TO NOTICE OF ALLOWABILITY

A. Status of the Claims

Claims 72-137 were allowed in the Notice of Allowability mailed January 17, 2002.

B. Conclusion

This is submitted to be a complete response to the Notice of Allowability mailed May 1, 2003. Applicants submit that in light of the foregoing remarks, the present case is in condition for issue, and such action is respectfully requested. If the Examiner has any questions or comments, a telephone call to the undersigned Applicant's representative is earnestly solicited.

Respectfully submitted,



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